

What is claimed is:

1. A system for transporting a first wind turbine tower section having a first length and a second wind turbine section having a second length, the system comprising:
 - a) a railroad car having a first end, a middle section and a second end;
 - b) first pedestal means affixed to the deck of the first end of said railroad car;
 - c) second pedestal means affixed to the deck of the middle section of said railroad car;
 - d) third pedestal means affixed to the deck of the second end of said railroad car;
 - e) first bracket means connected to each end of the first tower section;
 - f) second bracket means connected to each end of the second tower section; and,
 - g) locking means to releasably connect said bracket means to said pedestal means.
2. A system according to claim 1 wherein said first bracket means comprises a first bracket connected to the first end of the first tower section and a second bracket connected to the second end of the first tower section; and said second bracket means comprises a third bracket connected to the first end of the second tower section; and, a fourth bracket connected to the second end of the second tower section.

3. A system according to claim 2 wherein said first pedestal means is spaced apart from said second pedestal means a distance so that when said first bracket is connected to said first pedestal means, said second bracket is located to cooperate with said second pedestal means.
4. A system according to claim 2 wherein said first pedestal means is spaced apart from said second pedestal means a distance so that when said third bracket is connected to said first pedestal means, said fourth bracket is located to cooperate with said third pedestal means.
5. A system according to claim 1 wherein said first pedestal means and said third pedestal means are constructed and arranged to cooperate with twist lock connectors.
6. A system according to claim 5 wherein said first pedestal means and said third pedestal means are spaced apart from each other a distance sufficient so that two cargo containers can be coupled to each other and located between said first pedestal means and said third pedestal means with the corner members of a first end of said first cargo container located to cooperate with said first pedestal means and the corner members of a second end of said second cargo container located to cooperate with said third pedestal means.
7. A pedestal system to selectively connect a railroad car to a cargo container comprising:

- a) a connector member having a port to connect to a twist lock;
- b) a support section to connect the connector member to the railroad car and spaced apart from the railroad car.

8. A system for transporting wind turbine blades on a railroad car, the system comprising:

- a) three cargo containers, comprising a first cargo container having corner fittings located at least at eight corners thereof, a second cargo container having corner fittings located at least at four corners thereof, and a third cargo container having corner fittings located at least at four corners thereof;
- b) four pedestals affixed to the railroad car and located so that when said first cargo container is adjacent the railroad car one pedestal is adjacent each of said four corner fittings of said first cargo container;
- c) a first set of twist connectors comprising four twist connectors, one twist connector of said first set coupled between each of said four of the corner fittings of said first cargo container and each of said four pedestals;
- d) a second set of twist connectors comprising two twist connectors, one twist connector of said second set coupled between each of two corner fittings of said second cargo container and two of said four pedestals;

- e) a third set of twist connectors comprising two twist connectors, one twist connector of said third set coupled between each of two corner fittings of said third cargo container and two of said four pedestals;
- f) a first set of four twist ties, one twist tie of said first set coupled between each of the four corner fittings of said second cargo container and each of four corner fittings of said first cargo container; and,
- g) a second set of four twist ties, one twist tie of said second set coupled between each of the four corner fittings of said third cargo container and each of four corner fittings of said first cargo container.

9. A system for transporting wind turbine tower sections, the system comprising:

- a) a railroad car having a first end and a second end;
- b) first deck slot pedestal means affixed to the floor of the first end of said railroad car;
- c) second deck slot pedestal means affixed to the floor of said railroad car and spaced apart from said first deck slot pedestal means;
- d) end stop means affixed to the floor of the first end of said railroad car;
- e) a first tower bracket connected to said first deck slot pedestal means, said first tower bracket being constrained from lateral motion by said end stop means; and,
- f) a second tower bracket connected to said second deck slot pedestal means.

10. A system according to claim 9 wherein said first deck slot pedestal means is connected to said first tower bracket by twist lock connectors.

11. The process for transporting a wind turbine on railroad cars, the process comprising:

- a. partially disassembling the wind turbine into three types of components, nacelles, blades and tower sections;
- b. storing the blades in cargo containers suitable for use in multi-mode transportation;
- c. Mounting the nacelles on transport structures; and,
- d. Affixing brackets to the tower sections.